

PRIORITY

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FILE

THE CONTINUING SCAN OF [] 144 AT THE NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER HAS REVEALED THE FOLLOWING ITEM OF INTEREST:

INSTALLATION AND WIRING OF EQUIPMENT IN THE TRANSFORMER SUB-
STATION WEST OF THE LAN-CHOU GASEOUS DIFFUSION PLANT IS ABOUT TWO-
THIRDS COMPLETE AND TWO OUT OF A POSSIBLE THREE STEP-DOWN TRANS-
FORMERS ARE INSTALLED. THE LOW-VOLTAGE SIDE OF THE TRANSFORMERS
IS TIED INTO A NEWLY IDENTIFIED U-SHAPED BUS SERVING SUBSTATIONS
ON BOTH LONG SIDES OF THE GASEOUS DIFFUSION PLANT.

A POWER LINE, WITH ONE SHORT STRETCH NOT HAVING CONDUCTORS
STRUNG, CONNECTS THE GASEOUS DIFFUSION PLANT WITH THE HSI-KU THERMAL
POWER PLANT AND IS POSSIBLY CONDUCTING POWER.

A MAIN SWITCH SUBSTATION IS UNDER CONSTRUCTION SOUTHWEST OF THE
GASEOUS DIFFUSION PLANT NEAR THE RIGHT BANK OF THE HUANG HO (RIVER).

THERE ARE TWO NEWLY COMPLETED UNIDENTIFIED LARGE BUILDINGS
AT THE WEST END OF THE GASEOUS DIFFUSION PLANT.

THE BUILDING IMMEDIATELY NORTH OF THE CENTER OF THE GASEOUS
DIFFUSION PLANT HAS NINE VERTICAL CYLINDRICAL TANKS ALONGSIDE IT
AND A TENTH IS POSSIBLY BEING INSTALLED. AN OVERHEAD PIPE LINE
CONNECTS THIS BUILDING WITH THE GASEOUS DIFFUSION PLANT.

WHAT APPEARS TO BE A SECOND PUMPHOUSE TO PUMP WATER FROM THE
SEDIMENTATION BASINS TO THE GASEOUS DIFFUSION PLANT IS COMPLETE.

THE FAN BLADES OF THE INDUCED DRAFT COOLING TOWERS ARE NOT

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification 25X1

TURNING.

A DETAILED REPORT ON THIS INSTALLATION IS IN PREPARATION.

PHOTOGRAPHIC REFERENCES:

MISSION	DATE	CAMERA	FRAMES	CLASSIFICATION
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THIS MATERIAL HAS BEEN MADE AVAILABLE TO US GOVERNMENT BY THE

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SECRET

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CFN 0661 LAN-CHOU U-SHAPED NOT HAVING HSI-KU HUANG HO NOT TURNING

25X1

BT

400

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